

S/N 10/041,725



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Jeffrey A. Von Arx et al.	Examiner:	George Manuel
Serial No.:	10/041,725	Group Art Unit:	3762
Filed:	January 08, 2002	Docket:	279.396US1
Title:	A TWO-HOP TELEMETRY SYSTEM USING A REPEATER FOR IMPLANTABLE MEDICAL DEVICES		

INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), Applicants hereby authorize the Commissioner to charge the fee of \$180.00, as set forth in 37 C.F.R. §1.17(p), to Deposit Account No. 19-0743.

09/29/2004 JADD01 00000007 190743 10041725
01 FC:1806 180.00 DA

RECEIVED
SEP 29 2004
TECHNOLOGY CENTER R3700

INFORMATION DISCLOSURE STATEMENT

Serial No :10/041,725

Filing Date: January 08, 2002

Title: A TWO-HOP TELEMETRY SYSTEM USING A REPEATER FOR IMPLANTABLE MEDICAL DEVICES

Page 2
Dkt: 279.396US1

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

JEFFREY A. VON ARX ET AL.

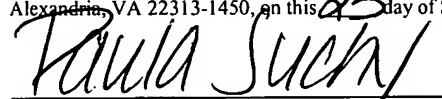
By their Representatives,


SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6951

Date Sept. 22, 2004

By 
Suneel Arora
Reg. No. 42,267

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 23 day of September, 2004.


Name


Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/041,725
Filing Date	January 8, 2002
First Named Inventor	Von Arx, Jeffrey
Group Art Unit	3762
Examiner Name	Manuel, George

Sheet 1 of 4

Attorney Docket No: 279.396US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-2002/0002326	01/03/2002	Causey III, James D., et al.	600	300	08/23/2001
	US-2002/0026122	02/28/2002	Lee, Brian B., et al.	600	523	10/10/2001
	US-2002/0045804	04/18/2002	Christopherson, Mark A., et al.	600	300	02/02/2001
	US-2002/0072783	06/13/2002	Goedeke, Steven D., et al.	607	60	12/08/2000
	US-2002/0123672	09/05/2002	Christophersom, Mark A., et al.	600	300	10/26/2001
	US-2002/0193846	12/19/2002	Pool, Nancy P., et al.	607	60	12/20/2000
	US-2003/0018369	01/23/2003	Thompson, David L., et al.	607	60	07/17/2001
	US-2003/0078631	04/24/2003	Nelson, Chester G.	607	30	10/23/2001
	US-2003/0093187	05/15/2003	Walker, Richard C.	701	1	10/01/2002
	US-2003/0139778	07/24/2003	Fischell, Robert E., et al.	607	3	01/22/2002
	US-2003/0149423	08/07/2003	Fischell, Robert E., et al.	604	892.1	02/04/2002
	US-2003/0163173	08/28/2003	Lindberg, Magnus , et al.	607	60	12/02/2002
	US-2003/0216793	11/20/2003	Karlsson, Anders , et al.	607	60	02/11/2003
	US-2003/0221118	11/27/2003	Walker, Richard C.	713	193	03/28/2003
	US-2003/0233129	12/18/2003	Matos, Jeffrey A.	607	5	06/11/2003
	US-2004/0030365	02/12/2004	Rubin, Leo	607	60	08/05/2003
	US-2004/0073095	04/15/2004	Causey III, James D., et al.	600	300	05/05/2003
	US-2004/0078067	04/22/2004	Thompson, David L., et al.	607	60	11/14/2003
	US-2004/0116981	06/17/2004	Mazar, Scott T.	607	60	12/13/2002
	US-2004/0117204	06/17/2004	Mazar, Scott T., et al.	705	2	12/17/2002

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/041,725
Filing Date	January 8, 2002
First Named Inventor	Von Arx, Jeffrey
Group Art Unit	3762
Examiner Name	Manuel, George

Sheet 2 of 4

Attorney Docket No: 279.396US1

US-2004/0122488	06/24/2004	Mazar, Scott T., et al.	607	60	12/23/2002
US-2004/0122489	06/24/2004	Mazar, Scott T., et al.	607	60	12/23/2002
US-2004/0127802	07/01/2004	Istvan, Rud , et al.	600	509	01/22/2003
US-2004/0128161	07/01/2004	Mazar, Scott T., et al.	705	2	12/27/2002
US-2004/0176822	09/09/2004	Thompson, David L., et al.	607	50	11/14/2003
US-3,843,896	10/22/1974	Rason, Ned S., et al.	310	4	02/04/1972
US-3,846,704	11/05/1974	Bessette, Robert C.	325	66	12/13/1972
US-4,918,690	04/17/1990	Markkula, Jr, Armas C., et al.	370	400	11/10/1987
US-4,941,143	07/10/1990	Twitty, William B., et al.	370	445	11/08/1988
US-4,947,484	08/07/1990	Twitty, William B., et al.	714	776	11/08/1988
US-4,955,018	09/04/1990	Twitty, William B., et al.	370	398	11/08/1988
US-4,969,146	11/06/1990	Twitty, William B., et al.	370	388	11/08/1988
US-5,034,882	07/23/1991	Eisenhard, Bruce T., et al.	712	30	10/01/1990
US-5,113,869	05/19/1992	Nappholz, Tibor A., et al.	128	696	08/21/1990
US-5,199,429	04/01/1993	Kroll, Mark W., et al.	607	5	05/23/1991
US-5,348,008	09/20/1994	Bornn, Robert , et al.	600	301	03/19/1992
US-5,383,915	01/24/1995	Adams, Theodore P.	607	60	01/28/1993
US-5,507,781	04/16/1996	Kroll, Mark W., et al.	607	7	08/18/1994
US-5,564,429	10/15/1996	Bornn, Robert , et al.	600	508	09/20/1994
US-5,626,630	05/06/1997	Markowitz, Raymond S., et al.	607	60	10/13/1994
US-5,720,770	02/24/1998	Nappholz, Tibor , et al.	607	30	10/06/1995
US-6,073,046	06/06/2000	Patel, Bharat , et al.	600	509	04/27/1998
US-6,083,248	07/04/2000	Thompson, David L.	607	30	11/24/1998
US-6,266,554	07/24/2001	Hsu, William , et al.	600	515	02/12/1999
US-6,272,377	08/07/2001	Sweeney, Robert J., et al.	600	515	10/01/1999
US-6,272,379	08/07/2001	Fischell, Robert E., et al.	607	5	03/17/1999
US-6,275,732	08/14/2001	Hsu, William , et al.	607	14	06/17/1998
US-6,347,245	02/12/2002	Lee, Brian B., et al.	600	523	07/14/1999

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/041,725
Filing Date	January 8, 2002
First Named Inventor	Von Arx, Jeffrey
Group Art Unit	3762
Examiner Name	Manuel, George

Sheet 3 of 4

Attorney Docket No: 279.396US1

	US-6,434,429	08/13/2002	Kraus, Michael , et al.	607	60	06/22/2000
	US-6,544,171	04/08/2003	Klemens, Beetz , et al.	600	300	02/26/2001
	US-6,553,262	04/22/2003	Lang, Bernhard , et al.	607	32	09/17/1999
	US-6,558,320	05/06/2003	Causey II, James D., et al.	600	300	01/20/2000
	US-6,641,533	11/04/2003	Causey II, James D., et al.	600	300	08/23/2001
	US-6,650,944	11/18/2003	Goedeke, Steven D., et al.	607	60	12/08/2000
	US-6,675,049	01/06/2004	Thompson, David L., et al.	607	60	07/17/2001
	US-6,678,547	01/13/2004	Carlson, Gerrard M., et al.	600	515	03/08/2001
	US-6,738,671	05/18/2004	Christophersom, Mark A., et al.	607	60	10/26/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	EP-1062984	12/27/2000	Kraus, Michael , et al.			
	EP-1340519	09/03/2003	Lindberg, Magnus , et al.	A61N	1/372	
	EP-1362614	11/19/2003	Karlsson, Anders , et al.	A61N	1/372	
	EP-515059	11/25/1992	Kroll, Mark W., et al.	A61N	1/39	
	WO-0078057	12/21/2000	Walker, Richard C.	H04 Q	1/00	
	WO-0119239	03/22/2001	Marvin, Slepian J.	A61B	5/00	
	WO-0145793	06/28/2001	Ferek-Petric, Bozidar , et al.	A61N	1/372	
	WO-0152727	07/26/2001	Causey III, James D., et al.	A61B	5/00	
	WO-0156467	08/09/2001	Christopherson, Mark A.	A61B	5/00	
	WO-0184274	11/08/2001	Walker, Richard C.	G06F		
	WO-02045798	06/13/2002	Rubin, Leo	A61N	1/372	
	WO-0234331	05/02/2002	Christopherson, Mark A., et al.	A61N	1/372	
	WO-03008037	01/30/2003	Thompson, David L., et al.	A61N	1/00	
	WO-03029922	04/10/2003	Walker, Richard C.	G06F		
	WO-03061465	07/31/2003	Istvan, Rud , et al.	A61B	5/00	
	WO-03072192	09/04/2003	Kroll, Mark W., et al.	A61N	1/02	
	WO-03103765	12/18/2003	Matos, Jeffrey A.	A61N	1/18	
	WO-04056301	07/08/2004	Mazar, Scott T., et al.	A61H		

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/041,725
Filing Date	January 8, 2002
First Named Inventor	Von Arx, Jeffrey
Group Art Unit	3762
Examiner Name	Manuel, George

Sheet 4 of 4

Attorney Docket No: 279.396US1

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	WO-8904517	05/18/1989	Sander, Wendell B.	G06F	7/04	
	WO-8904521	05/18/1989	Eisenhard, Bruce T.	G06F	15/16	
	WO-8904578	05/18/1989	Markkula Jr., Armas C., et al.	H04 Q	3/00	
	WO-9611722	04/25/1996	Markowitz, Raymond S., et al.	A61N	1/36	
	WO-9936297	07/22/1999	Walker, Richard C.	B60R	25/00	
	WO-9955227	11/04/1999	Bharat, Patel	A61B	5/0402	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		CARLSON, GERRARD M., et al., "CARDIAC RHYTHM MANAGEMENT SYSTEM USING TIME-DOMAIN HEART RATE VARIABILITY INDICIA", Application Serial No. 10/726,062, Filed December 2, 2003 Attorney Docket No. 279.317US2, 42 pgs.	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached